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### The Ethics Of Deep Brain

Deep brain stimulation is used to treat children with nervous system disorders like dystonia, epilepsy and Tourette Syndrome, and it also is increasingly used for neuropsychiatric conditions like obsessive-compulsive disorder. But many questions remain regarding the ethical considerations for administering this kind of invasive treatment to minors.

### Study to explore ethics of deep brain stimulation in kids ...

The Ethics of Deep Brain Stimulation for the Treatment of Anorexia Nervosa Hannah Maslen, Jonathan Pugh, and Julian Savulescu The Oxford Uehiro Centre for Practical Ethics, Suite 8, Page 1/6

Littlegate House 16/17 St Ebbe's Street, Oxford, OX1 1PT UK

### The Ethics of Deep Brain Stimulation for the Treatment of ...

CFP: The Ethics of Experimental Deep Brain Stimulation – Future Directions Deep brain stimulation (DBS) is a neurosurgical procedure that has been widely used to ameliorate motor symptoms associated with neurological conditions such as Parkinson's disease.

### CFP: The Ethics of Experimental Deep Brain Stimulation ...

Ethical Considerations with Deep Brain Stimulation Posted on December 8, 2014 by Jeffrey Aalberg The previous blog posts detailed what deep brain stimulation (DBS) is, how it developed, and how it is thought to cause its antidepressive effects.

## **Ethical Considerations with Deep Brain Stimulation ...**

The Ethical Brain by Michael Gassaniga is a well researched book that looks to explore many social and ethical dilemma's and how they relate to his field of expertise, neuroscience. In this review I will examine his arguments regarding complicated issues and make opinions regarding their validity based on the presented evidence. Overall Opinion

# The Ethical Brain: The Science of Our Moral Dilemmas (P.S ...

The ethics of deep brain stimulation (DBS) Deep brain stimulation (DBS) is an invasive technique designed to stimulate certain deep brain regions for therapeutic purposes and is currently used mainly in patients with neurodegenerative disorders, such as Parkinson's

disease.

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### The ethics of deep brain stimulation (DBS) | SpringerLink

The brain is a complex organ and neuroscientists are using many different methods to try to understand – and perhaps even change – how the human brain works. Before this research can take place; however, researchers must ensure that their work is ethical.

#### The Brain and Ethics: An Introduction to Research in ...

Deep brain stimulation (DBS) is currently used to treat neurological disorders like Parkinson's disease, essential tremor, and dystonia, and is explored as an experimental treatment for psychiatric disorders like major depression and obsessive compulsive disorder.

#### **Ethical Issues in Deep Brain Stimulation**

The ethics of deep brain stimulation. Deep brain stimulation (DBS) is an invasive technique designed to stimulate certain deep brain regions for therapeutic purposes and is currently used mainly in patients with neurodegenerative disorders, such as Parkinson's disease.

#### Ethics and Psychology: The ethics of deep brain stimulation

The Ethics of Deep Brain Stimulation for the Treatment of Anorexia Nervosa Article (PDF Available) in Neuroethics 8(3) · September 2015 with 93 Reads How we measure 'reads'

#### The Ethics of Deep Brain Stimulation for the Treatment of ...

Two Cleveland Clinic researchers will study ethical issues of brain surgery treatments, including deep brain stimulation in Parkinson's, using NIH grants. Two Cleveland Clinic researchers are recipients of the first grants awarded by the National Institute of Health's BRAIN Initiative in neuroethics, for studies looking ethical issues in brain...

### BRAIN Initiative Grant to Examine Ethical Issues of Deep ...

The Ethics of Expanding Applications of Deep Brain Stimulation Markus Christen & Sabine Müller Abstract This chapter outlines the key characteristics of deep brain stimulation (DBS) as an exemplary case of a neuromodulation intervention and compares it with ablative techniques. Ethical as-

### The Ethics of Expanding Applications of Deep Brain Stimulation

Dr. Lazaro-Munoz's Center was awarded one of the grants to identify and evaluate the ethical, legal and social concerns with adaptive deep brain stimulation (aDBS) technologies. Adaptive DBS is a relatively new version of the technology that enables recording of brain cell activity that is then used to regulate the brain in real time.

### Deep Brain Stimulation for Mental Illnesses Raises Ethical ...

Deep brain stimulation (DBS) is currently used to treat neurological disorders like Parkinson's disease, essential tremor, and dystonia, and is explored as an experimental treatment for psychiatric disorders like major depression and obsessive compulsive disorder. This mini review discusses ethical issues in DBS treatment and research, as they have been discussed in the medical and ethical ...

### Frontiers | Ethical Issues in Deep Brain Stimulation ...

scientific research with human subjects and Institutional Review Deep brain stimulation can, for example, induce a (hypo)manic Boards (IRBs) or local ethics committees oversee their observance. state in patients and there are case reports of such patients who With regard to DBS research in psychiatric disorders a number subsequently refuse adaptation of the stimulator settings because of ethical requirements have been specified and guidelines have they are not aware of their disturbed mental ...

# (PDF) Ethical Issues in Deep Brain Stimulation | Maartje ...

A possible new treatment for Alzheimer's disease has raised ethical questions because the procedure involves an invasive surgery to implant a device that then electrically stimulates certain parts of the brain. Deep brain stimulation is already used to treat conditions like Parkinson's disease, specifically neurological symptoms like tremors, the National Parkinson Foundation explains.

#### The Ethics of Deep Brain Stimulation - Utah Standard News

Proper selection of patients who will reliably benefit from treatment is critical to the successful outcome of deep brain stimulation (DBS). The ethical duties of the clinicians in this case involve careful balancing of a variety of interests of the patient, society, and their own practices.

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